```
* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page for STN Seminar Schedule - N. America
 NEWS  2  MAR 31   IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                   IPC display formats
 NEWS  3  MAR 31   CAS REGISTRY enhanced with additional experimental
                   spectra
 NEWS  4  MAR 31   CA/CAplus and CASREACT patent number format for U.S.
                   applications updated
 NEWS  5  MAR 31   LPCI now available as a replacement to LDPCI
 NEWS  6  MAR 31   EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS  7  APR 04   STN AnaVist, Version 1, to be discontinued
 NEWS  8  APR 15   WPIDS, WPINDEX, and WPIX enhanced with new
                   predefined hit display formats
 NEWS  9  APR 28   EMBASE Controlled Term thesaurus enhanced
 NEWS 10  APR 28   IMSRESEARCH reloaded with enhancements
 NEWS 11  MAY 30   INPAFAMDB now available on STN for patent family
                   searching
 NEWS 12  MAY 30   DGENE, PCTGEN, and USGENE enhanced with new homology
                   sequence search option
 NEWS 13  JUN 06   EPFULL enhanced with 260,000 English abstracts
 NEWS 14  JUN 06   KOREAPAT updated with 41,000 documents
 NEWS 15  JUN 13   USPATFULL and USPAT2 updated with 11-character
                   patent numbers for U.S. applications
 NEWS 16  JUN 19   CAS REGISTRY includes selected substances from
                   web-based collections
 NEWS 17  JUN 25   CA/CAplus and USPAT databases updated with IPC
                   reclassification data
 NEWS 18  JUN 30   AEROSPACE enhanced with more than 1 million U.S.
                   patent records
 NEWS 19  JUN 30   EMBASE, EMBAL, and LEMBASE updated with additional
                   options to display authors and affiliated
                   organizations
 NEWS 20  JUN 30   STN on the Web enhanced with new STN AnaVist
                   Assistant and BLAST plug-in
 NEWS 21  JUN 30   STN AnaVist enhanced with database content from EPFULL
 NEWS 22  JUL 28   CA/CAplus patent coverage enhanced
 NEWS 23  JUL 28   EPFULL enhanced with additional legal status
                   information from the epoline Register
 NEWS 24  JUL 28   IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
 NEWS 25  JUL 28   STN Viewer performance improved
 NEWS 26  AUG 01   INPADOCDB and INPAFAMDB coverage enhanced

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

 NEWS HOURS     STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN     Welcome Banner and News Items
 NEWS IPC8      For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 07:50:28 ON 04 AUG 2008

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
```

```
FULL ESTIMATED COST                                    0.21       0.21

FILE 'CAPLUS' ENTERED AT 07:50:40 ON 04 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 4 Aug 2008  VOL 149 ISS 6
FILE LAST UPDATED: 3 Aug 2008  (20080803/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> tetrafluorborate (s) (metal or li or lithium or na or sodium or k or potassium)
TETRAFLUORBORATE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s tetrafluorborate (s) (metal or li or lithium or na or sodium or k or potassium)
            28 TETRAFLUORBORATE
       1854028 METAL
        208489 LI
        345220 LITHIUM
        807162 NA
       1212655 SODIUM
       1470040 K
        688225 POTASSIUM
L1           2 TETRAFLUORBORATE (S) (METAL OR LI OR LITHIUM OR NA OR SODIUM OR
               K OR POTASSIUM)

=> s tetrafluoroborate (s) (metal or li or lithium or na or sodium or k or potassium)
         25067 TETRAFLUOROBORATE
       1854028 METAL
        208489 LI
        345220 LITHIUM
        807162 NA
       1212655 SODIUM
       1470040 K
        688225 POTASSIUM
L2        5225 TETRAFLUOROBORATE (S) (METAL OR LI OR LITHIUM OR NA OR SODIUM
               OR K OR POTASSIUM)

=> s bf4 (s) (metal or li or lithium or na or sodium or k or potassium)
         19010 BF4
       1854028 METAL
        208489 LI
        345220 LITHIUM
        807162 NA
       1212655 SODIUM
```

```
       1470040 K
        688225 POTASSIUM
L3        2137 BF4 (S) (METAL OR LI OR LITHIUM OR NA OR SODIUM OR K OR POTASSIU
               M)

=> s ?ammonium (a) (bf4 or tetraflouroborate)
        550598 ?AMMONIUM
         19010 BF4
             7 TETRAFLOUROBORATE
L4           7 ?AMMONIUM (A) (BF4 OR TETRAFLOUROBORATE)

=> s ?ammonium (a) (bf4 or tetrafluoroborate)
        550598 ?AMMONIUM
         19010 BF4
         25067 TETRAFLUOROBORATE
L5        3706 ?AMMONIUM (A) (BF4 OR TETRAFLUOROBORATE)

=> s (l1 or l2) and (l3 ad l4)
MISSING OPERATOR L3 AD
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s (l1 or l2) and (l3 or l4)
L6         334 (L1 OR L2) AND (L3 OR L4)

=> s ?ammonium (a) (halide or fluoride or bromide or chloride or iodide)
        550598 ?AMMONIUM
        160802 HALIDE
        276080 FLUORIDE
        297824 BROMIDE
       1219594 CHLORIDE
        194356 IODIDE
L7      128703 ?AMMONIUM (A) (HALIDE OR FLUORIDE OR BROMIDE OR CHLORIDE OR IODI
               DE)

=> s l5 and l7
L8         413 L5 AND L7

=> s l6 and l7
L9           8 L6 AND L7

=> d 1-8 bib, ab

L9   ANSWER 1 OF 8  CAPLUS  COPYRIGHT 2008 ACS on STN
```

Full Text | Citing References

```
AN   2008:566491  CAPLUS
DN   149:113149
TI   Surface tension of binary mixtures of imidazolium and ammonium based ionic
     liquids with alcohols, or water: Cation, anion effect
AU   Domanska, Urszula; Pobudkowska, Aneta; Rogalski, Marek
CS   Physical Chemistry Division, Faculty of Chemistry, Warsaw University of
     Technology, Warsaw, 00-664, Pol.
SO   Journal of Colloid and Interface Science (2008), 322(1), 342-350
     CODEN: JCISA5; ISSN: 0021-9797
PB   Elsevier
DT   Journal
LA   English
AB   The surface tensions were measured at atm. pressure, with use of a ring
     tensiometer, of a series of alc. solns. of closely related ionic liqs.:
     1-methyl-3-methylimidazolium methylsulfate, [MMIM][CH3SO4] in alc.
     (methanol, or ethanol, or 1-butanol at 298.15 K), 1-butyl-3-
     methylimidazolium methylsulfate, [BMIM][CH3SO4] in alc. (methanol, or
     ethanol, or 1-butanol at 298.15 K), 1-butyl-3-methylimidazolium
     octylsulfate, [BMIM][OcSO4] in alc. (methanol, or 1-butanol at 298.15 K)
     and of 1-hexyloxymethyl-3-methylimidazolium tetrafluoroborate,
```

[C6H13OCH2MIM][BF4], 1,3-dihexyloxymethylimidazolium tetrafluoroborate, [(C6H13OCH2)2IM][BF4] in alc. (methanol, or 1-butanol, or 1-hexanol at 308.15 and 318.5 K) and hexyl(2-hydroxyethyl)dimethylammonium bromide, C6Br in 1-octanol at 298.15 K. The set of ammonium ionic liqs. of different cations and anions (C2Br, C2BF4, C2PF6, C2N(CN)2, C3Br, C4Br and C6Br) was chosen to show the influence of small amt. of the ammonium ionic liq. on the surface tension of water at 298.15 K. The influence of the cation, or anion alkyl chain length on the properties under study (densities and surface tension) was tested.

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | Citing References

AN 2006:1005759 CAPLUS
DN 145:376914
TI Preparation of quaternary ammonium halides with low coloring and minimum content of amines and of quaternary salts therefrom
IN Nishimoto, Yoshihiro
PA Koei Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 12pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006257039	A	20060928	JP 2005-78439	20050318
PRAI	JP 2005-78439		20050318		

OS CASREACT 145:376914; MARPAT 145:376914
AB The halides Q+X- (Q = quaternary ammonium cation; X = halo), useful for intermediates of electrolytes or catalysts, are prepd. by reacting tertiary amines with alkyl halides in the presence of basic alk. earth metal compds. [e.g., carbonates, (hydr)oxides, etc.]. The halides are ion exchanged with compds. M+A- [M+ = proton, metal, ammonium cation; A- = N(SO2CF3)-, BF4-, PF6-] to afford quaternary salts Q+A- (Q, A = the same as above). Thus, 30.0 g of 1-methylimidazole was reacted with 58.7 g 60.2% EtCl/MeCN in the presence of Ca(OH)2 at 90° to give 1-ethyl-3-methylimidazolium chloride (I) with APHA color 240 and amine content 150 ppm. Then, I was further reacted with NaBF4 in MeCN at 25° to give ion-exchanged product with APHA color 240 and amine content 100 ppm.

L9 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | Citing References

AN 2006:912889 CAPLUS
DN 145:293184
TI Improved process for preparation of alkoxysilylmethyl isocyanurates by cyclocondensation of alkali metal isocyanates with chloromethylsilanes, catalyzed by tetraalkylammonium salts
IN Popp, Alfred; Stowischek, Klaus
PA Consortium fuer Elektrochemische Industrie G.m.b.H., Germany
SO Ger. Offen., 7pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 102005009790	A1	20060907	DE 2005-102005009790	20050303
	WO 2006092324	A1	20060908	WO 2006-EP1969	20060303

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,

GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ,
NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,
YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

	EP 1853613	A1	20071114	EP 2006-707401	20060303
	EP 1853613	B1	20080702		
	R: BE, DE, FR, GB, IT				
	CN 101133069	A	20080227	CN 2006-80006907	20070903
	KR 2007108930	A	20071113	KR 2007-722539	20071002
PRAI	DE 2005-102005009790	A	20050303		
	WO 2006-EP1969	W	20060303		

OS CASREACT 145:293184; MARPAT 145:293184

AB Silylated 1,3,5-triazine-2,4,6-triones 1,3,5-[R1n(RO)3-nSiCH2]C3N3O3 [1, R = C4-15 organyl, COMe; R1 = H, (un)substituted C1-20 organyl, optionally having O, CO, CO2, OCO, OCO2, S, amino, imino, azo, phosphino groups in the main chain; n = 0-2; preferably R, R1 = Me, Et], useful as adhesives or additives for organosiloxanes and siloxane polymers (no data), were prepd. by cyclocondensation of chloromethylsilanes R1n(RO)3-nSiCH2Cl (same R, R1) with metal isocyanates M(OCN)m (M = alkali or alk. earth metal, m = 1, 2; preferably M = Na, K) in the presence of tetraalkylammonium salts R24N+X- (R2 = C1-20 organyl, optionally substituted by CN, OH, halo; X = Cl, Br, I, BF4, BPh4; preferably R2 = Me, Et, Bu; R24N+ = PhCH2NBu3+; X = I-, BF4-) in dipolar org. solvent, preferably in DMF or DMF-contg. mixts., preferably having <200° b.p. at normal pressure, preferably in molar ratio M(OCN)m to R1n(RO)3-nSiCH2Cl of 1-1.2 at 0-200°, preferably at 80-100° in batch or continuous reactors. The use of tetraalkylammonium catalysts improves yields of 1 and reduces amts. of byproducts. In an example,1,3,5-tris(methoxydimethylsilylmethyl)-1,3,5-triazine-2,4,6-trione (1, R = R1 = Me, n = 2) was prepd. by cyclocondensation of 0.33 mol of NaOCN with 0.3 mol of (MeO)Me2SiCH2Cl in 87.9 g of DMF in the presence of 1.6 mol% of Me4NI at 130° for 2 h with 87% yield; the yields of byproducts were less than 6.2%.

L9 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | Citing References

AN 2006:123472 CAPLUS

DN 144:182276

TI Cost-effective manufacture of (lower alkoxyalkyl)trimethylammonium salt ionic liquids

IN Amano, Yasutoshi; Noji, Kazuaki; Fujimoto, Masaki

PA Sanko Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006036652	A	20060209	JP 2004-214959	20040722
PRAI	JP 2004-214959		20040722		

OS MARPAT 144:182276

AB The ionic liqs., useful as electrolytes for elec. devices, are manufd. by treatment of NMe3 with lower alkoxyalkyl chlorides, followed by anion exchange of the resulting (lower alkoxyalkyl)trimethylammonium chlorides with YA [A = H+, alkali metal cation; Y = BF4-, CF3SO3-, CF3CO2-, (CnF2n+1MO2)2N-, PF6-, AsF6-, SbF6-, (CnF2n+1MO2)2N-; M = S, C; n = 1, 2]. Thus, NMe3 was treated with C3H8O(CH2)2Cl and anion-exchanged with NaBF4 to give C3H8O(CH2)2NMe3+BF4- with potential window from -3.0 V to 2.3 V.

L9 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | Citing References

AN 2003:537623 CAPLUS
DN 139:390066
TI An efficient synthesis for tetracyanoborates by sinter processes
AU Bernhardt, E.; Finze, M.; Willner, H.
CS Anorganische Chemie, Universitaet Duisburg, Germany
SO Zeitschrift fuer Anorganische und Allgemeine Chemie (2003), 629(7-8), 1229-1234
CODEN: ZAACAB; ISSN: 0044-2313
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA German
OS CASREACT 139:390066
AB A new efficient synthesis for tetracyanoborates in molar scale starting from the readily available reagents K[BF4], LiCl, and KCN is presented. The tetracyanoborate, obtained after the sinter process and work up, is in contrast to the products of the reactions known so far a white solid without any impurities. The thermal behavior of the mixed cyanofluoroborates, K[BFx(CN)4-x] (x = 1-3), was investigated to solve the mechanism of the ligand exchange that takes place during the K[B(CN)4] synthesis. Furthermore several metathesis reactions for the synthesis of different tetracyanoborates are described.
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | Citing References

AN 2001:167660 CAPLUS
DN 134:207547
TI Preparation of stable (CF3)2N- salts and their use in the synthesis of liquid crystals
IN Heider, Udo; Schmidt, Michael; Sartori, Peter; Ignatyev, Nikolai; Kucheryna, Andrej
PA Merck Patent G.m.b.H., Germany
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1081129	A2	20010307	EP 2000-118126	20000828
	EP 1081129	A3	20010321		
	EP 1081129	B1	20031022		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	DE 19941566	A1	20010308	DE 1999-19941566	19990901
	TW 221832	B	20041011	TW 2000-89117401	20000828
	CA 2317284	A1	20010301	CA 2000-2317284	20000830
	BR 2000003885	A	20010403	BR 2000-3885	20000830
	CN 1286245	A	20010307	CN 2000-126092	20000831
	JP 2001122834	A	20010508	JP 2000-265452	20000901
	US 6582849	B1	20030624	US 2000-654519	20000901
	RU 2257376	C2	20050727	RU 2000-122754	20000901
PRAI	DE 1999-19941566	A	19990901		

OS MARPAT 134:207547
AB Stable (CF3)2N+ salts [[[[R1(CR2R3)k]lAx]y]K]+-N(CF3)2 [A = N, P, P(:O), O, S, S(:O), SO2, As, As(:O), Sb, Sb(:O); K = N, P, As, Sb, S, Se; R1-R3 = H, halogen, (un)substituted alkyl, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted cycloalkyl, (un)substituted Ph, (un)substituted heteroaryl; k = 0-6; l = 0-2; x = 0, 1; yr = 1-4] [e.g., (Bu)4N+-N(CF3)2], useful as chem. intermediates and as liq. crystal

precursors (no data), are prepd. by the reaction of alkali metal amine salts D+-N(CF3)2 (D = Group IA metal) [e.g., RbN(CF3)2] with salts [[[R1(CR2R3)k]lAx]yK]+-E (E = F, Cl, Br, I, BF4, ClO4, AsF6, SbF6, PF6) (e.g., tetrabutylammonium tetrafluoroborate) in polar org. solvents (e.g., acetonitrile).

L9 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | CAPLUS References

AN 2000:504821 CAPLUS
DN 133:107335
TI Carbon electrodes for double-layer capacitors I. Relations between ion and pore dimensions
AU Salitra, Gregory; Soffer, Abraham; Eliad, Linoam; Cohen, Yair; Aurbach, Doron
CS Department of Chemistry, Bar-Ilan University, Ramat-Gan, 52900, Israel
SO Journal of the Electrochemical Society (2000), 147(7), 2486-2493
CODEN: JESOAN; ISSN: 0013-4651
PB Electrochemical Society
DT Journal
LA English
AB We characterized activated carbon electrodes for elec. double-layer capacitor (EDLC) systems. High-surface-area carbons were prepd. by carbonization of cotton cloth at elevated temps. (up to 1050°C), followed by activation at 900°C by oxidn. with CO2 during different time periods. Sp. surface areas and characteristic pore sizes obtained from gas adsorption isotherms were correlated with those obtained from ion electroadsorption at the elec. double layer. Electrolytes studied included aq. LiCl, NaCl, and KCl solns. and nonaq. propylene carbonate solns. with LiBF4 and (C2H5)4NBF4 salts. We found clear evidence that the porous carbons thus formed exhibit ion sieving properties, and that increasing activation time systematically increases the av. pore sizes of these carbons. The elec. double layer (EDL) capacity of these samples (calcd. from voltammetric measurements) depends strongly on the adsorption interaction of the ions in the pores, and hence the relationship between the av. pore size and the effective ion size dets. the specific EDL capacitance of these samples. The following order of dimension of adsorbed species was found, based on the ion sieving of the various synthesized carbons of different av. pore size--N2, Na+(aq), Cl-(≈3.6 Å) < BF4- < TEA+(PC) < Li+(PC).
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

Full Text | CAPLUS References

AN 1987:42927 CAPLUS
DN 106:42927
OREF 106:6993a,6996a
TI Fluoroperoxide compounds of boron
AU Ippolitov, E. G.; Chernyshov, B. N.; Shchetinina, G. P.; Brovkina, O. V.; Martynyuk, Yu. L.; Gorin, Yu. V.
CS Inst. Vulkanol., Petropavlovsk-Kamchatskii, USSR
SO Ukrainskii Khimicheskii Zhurnal (Russian Edition) (1986), 52(8), 818-23
CODEN: UKZHAU; ISSN: 0041-6045
DT Journal
LA Russian
AB 11B and 19F NMR study of M2B4O7·xH2O-MF-H2O2 solns. (M = NH4+, Li, Na, K) indicated the formation of BF4-, [BF(OOH)3]-, [BF2(OOH)2]-, [BF3(OOH)]-, [BF3OH]-, [B2F4(O2)2]2-, [B2F2O8H2]2-, and [B(OOH)4]-. An increase in H2O2 concn. increased the amt. of [B(OOH)4]- and [BF(OOH)3]-. The change in compn. of the products was studied with increase of F- concn. and an increase in time.

=> d his

```
     (FILE 'HOME' ENTERED AT 07:50:28 ON 04 AUG 2008)

     FILE 'CAPLUS' ENTERED AT 07:50:40 ON 04 AUG 2008
L1             2 S TETRAFLUORBORATE (S) (METAL OR LI OR LITHIUM OR NA OR SODIUM
L2          5225 S TETRAFLUOROBORATE (S) (METAL OR LI OR LITHIUM OR NA OR SODIUM
L3          2137 S BF4 (S) (METAL OR LI OR LITHIUM OR NA OR SODIUM OR K OR POTAS
L4             7 S ?AMMONIUM (A) (BF4 OR TETRAFLOUROBORATE)
L5          3706 S ?AMMONIUM (A) (BF4 OR TETRAFLUOROBORATE)
L6           334 S (L1 OR L2) AND (L3 OR L4)
L7        128703 S ?AMMONIUM (A) (HALIDE OR FLUORIDE OR BROMIDE OR CHLORIDE OR I
L8           413 S L5 AND L7
L9             8 S L6 AND L7

=>
```